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IN THE CLAIMS:

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1. (Currently Amended) A method for managing physical distribution of products and returnable containers in which a first party ships at least one ~~products~~ product packed in a returnable container to a second party in response to a request from the second party to ship ~~the~~ at least one product, and the second party sends back ~~the~~ such returnable container to the first party, said method comprising:

receiving a request from a second party to ship at least one product;

determining a product inventory balance based on inventory information about ~~said~~ such products and the request to ship at least one such product, and based on said product inventory balance determination sending a product-shipping notice to the first party; and

determining a returnable container inventory balance based on inventory information about ~~the~~ such returnable containers and the received request to ship at least one such product, and based on said returnable container inventory balance

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determination sending a returnable container-returning notice to the second party.


2. (Currently Amended) The method for managing physical distribution of products and returnable containers as set forth in Claim 1, wherein the first party, the second party and a server for storing inventory information databases of ~~the~~ such products and ~~the~~ such returnable containers are interconnected via a computer network,

said receiving a request to ship ~~said~~ at least one such product comprises transmitting the request from the second party to the server via the computer network,

said determining a product inventory balance comprises calculating the difference between an actual inventory of ~~the~~ such products and a desired inventory level of ~~the~~ such products based on the request to ship at least one such product and the inventory information database of ~~the~~ such products;

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said sending said product-shipping notice to the first party comprises sending said notice via the computer network when said product inventory balance is below a first predetermined level;

 said determining a returnable container inventory balance comprises calculating the difference between an actual inventory of ~~the~~ such returnable containers and a desired inventory level of ~~the~~ such returnable containers based on the inventory information database of ~~the~~ such returnable containers; and

said sending said returnable container-returning notice to the second party comprises sending said notice via the computer network when said returnable container inventory balance is below a second predetermined level;


said method further comprising:

transmitting the request to ship at least one such product to the first party via the computer network; and

shipping at least one such product packed in ~~the~~ such returnable container from the first party to the second party in response to the received request to ship at least one such product.

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3. (Currently Amended) The method for managing physical distribution of products and returnable containers as set forth in claim 2, further comprising:

 adjusting by the first party said actual inventory of the products to a third predetermined level based on the first party receiving the product-shipping notice so that the actual inventory after the shipment may be at a desired level.

4. (Currently Amended) The method for managing physical distribution of products and returnable containers as set forth in claim 2, further comprising:

sending by the second party ~~the~~ such returnable containers to the first party based on the second party receiving ~~the~~ such returnable container-returning notice.

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5. (Currently Amended) The method for managing physical distribution of products and returnable containers as set forth in claim 3, further comprising:

transmitting to the server via the computer network data indicating a number of products shipped from the first party, and

renewing the inventory information database of ~~the~~ such products on the server based on the number of shipped products received by the second party.

6. (Currently Amended) The method for managing physical distribution of products and returnable containers as set forth in claim 4, further comprising:

transmitting to the server via the computer network data indicating the number of returnable containers returned from the second, and

renewing the inventory information database of ~~the~~ such returnable containers on the server based on a number of returnable containers returned to the first party.

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7. (Currently Amended) A system for managing physical distribution of products and returnable containers in which a first party ships at least one product packed in a returnable container to a second party upon a request of the second party to ship ~~the~~ products, and the second party sends back a number of ~~the~~ such returnable containers to the first party, said system comprising:

a second party information-collecting section for receiving ~~the~~ a request to ship at least one such product and data indicating ~~the~~ a number of ~~the~~ such returnable containers returned from the second party;


a first party information-collecting section for receiving data indicating the number of ~~the~~ products shipped from the first party;

a product information-transmitting section for sending to the first party a product-shipping notice and the request to ship at least one such product;

a returnable container information-transmitting section for sending to the second party a returnable container-returning notice;


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an inventory information database-managing section for updating the inventory information databases of ~~the~~ at least one such product and ~~the~~ such returnable containers based on the received second party information and first party information; and

 an inventory data-analyzing section for calculating ~~the~~ a difference between actual inventories of ~~the~~ at least one such product and ~~the~~ such returnable containers and desired inventory levels of ~~the~~ at least one such product and returnable containers, respectively, based on the inventory information databases of ~~the~~ such products and ~~the~~ such returnable containers, respectively, and for generating at least one of the product-shipping notice and ~~the~~ such returnable container-returning notice when at least one of ~~the~~ such products and ~~the~~ such returnable containers actual inventories is below a predetermined value.

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8. (Currently Amended) The system for managing physical distribution of products and returnable containers as set forth in Claim 7, further comprising;



a second party information-inputting section for inputting second party information including the request to ship at least one such product and data indicating the number of ~~the~~ such returned returnable containers;

a second party information-transmitting section for sending the input second party information to said second party information-collecting section;

a returnable container-returning notice-receiving section for receiving said sent returnable container-returning notice; and


a returnable container-returning notice-displaying section for displaying said sent returnable container-returning notice.



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9. (Currently Amended) The system for managing physical distribution of products and returnable containers as set forth in Claim 7, further comprising;

a first party information-inputting section for inputting first party information including ~~the number~~ a quantity of the shipped at least one such product;

 a first party information-transmitting section for sending the input first party information to said first party information-collecting section;

a product-shipping notice-receiving section for receiving said sent product-shipping notice; and

a product-shipping notice-displaying section for displaying said sent product-shipping notice.

10. (Currently Amended) A system for managing physical distribution of products and returnable containers in which a first party sends products packed in returnable containers to a second party upon a request of the second party to ship ~~the~~ such products and the second party sends back ~~the~~ such returnable

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containers of the received products to the first party, said system comprising:

a server ~~having~~ comprising inventory information databases of ~~the~~ products and ~~the~~ such returnable containers;

at least one first party terminal; and

at least one second party terminal,

wherein said server, first party terminal and second party terminal are interconnected via a computer network, and said server is programmed to perform ~~the steps of~~:

calculating ~~the~~ a difference between an actual inventory of ~~the~~ such products and a desired inventory level based on the request to ship at least one product and the inventory information database of ~~the~~ such products;

sending a product-shipping notice to the first party via the computer network when the actual inventory of ~~the~~ at least one such product is found to be below a first predetermined level;

calculating ~~the~~ a difference between the actual inventory of ~~the~~ such returnable containers and the desired inventory level based on the request to ship at least one such product and

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the inventory information database of ~~the~~ such returnable containers; and

sending said returnable container-returning notice to the second party via the computer network when the actual inventory of such ~~the~~ returnable containers is found to be below a second predetermined level.

11. (Currently Amended) The system for managing physical distribution of products and returnable containers as set forth in Claim 10, wherein said first party terminal is programmed to display a notice urging the first party to make available the products upon receiving said product-shipping notice.

12. (Currently Amended) The system for managing physical distribution of products and returnable containers as set forth in Claim 10, wherein said second party terminal is programmed to display a notice urging the first party to send back ~~the~~ a returnable container to the first party upon receiving said returnable container-returning notice.

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13. (Currently Amended) The system for managing physical distribution of products and returnable containers as set forth in Claim 10, wherein said second party terminal is programmed to transmit data input by the second party to the server indicating a number of ~~the~~ such returned returnable containers, said first party terminal is programmed to transmit ~~the~~ data indicating a number of ~~the~~ shipped products input by the first party, and the server is programmed to renew the inventory information databases of ~~the~~ such products and ~~the~~ such returnable containers based on the received number of ~~the~~ such returned returnable containers and the shipped products.

14. (Currently Amended) The system for managing physical distribution of products and returnable containers as set forth in Claim 10, wherein said computer network is the Internet.

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